quick start guide

RSG257AA**

1. Product features

Premium Café Look Design

The illuminating blue lighting of the dispenser matches the espresso machine, so your kitchen maintains its classy style.

LED Tower Lighting

This space-saving fixture illuminates every corner of the refrigerator, so things are easier to find.

Clear View Icemaker

The Icemaker is located in the freezer door, ensuring full utilization of the freezer shelf space. Ice cubes are quickly produced and the clear ice bucket lets you easily see the amount of ice cubes produced.

Tall Dispenser

This tall dispenser serves chilled, filtered water, with a choice of cubed or crushed ice.

Spill-proof Shelves

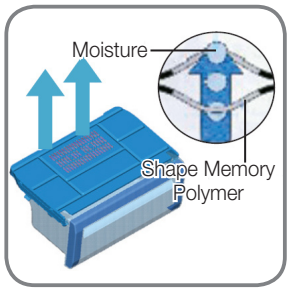
Thanks to the all-around trim, spills and food stay contained without spilling over onto other shelves.

Tilt Can carry

This flexible can holder can be folded up to provide more storage space for taller bottles.

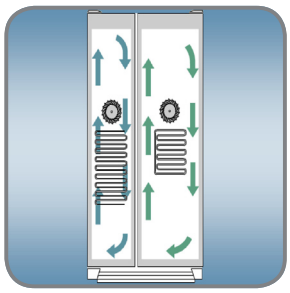
Multi Airflow

Provides even cooling throughout the refrigerator to maintain optimal temperatures to keep food fresh.



Auto-moisture Drawer

A “Shape Memory Polymer” is equipped on the “Auto-moisture Drawer”, which allows the automatic humidity control to maintain the optimal humidity in the crisper, the fine-mesh holes in the polymer control the flow of moisture through between holes according to the humidity in the bin.



Twin Cooling Plus™

With TWIN Cooling Plus™, the refrigerator and freezer compartments are monitored separately so cooling air can be adjusted according to where it is needed the most. It also optimizes the distribution of cooling refrigerant and levels of humidity in the refrigerator, keeping foods fresh for a longer period of time

2. Safety Information

Before using your new Samsung Side-By-Side Refrigerator, please read this manual thoroughly to ensure that you know how to safely and efficiently operate the features and functions that your new appliance offers.
Because the following instruction covers various models, the characteristics of your Refrigerator may differ slightly from the Refrigerator described in this manual. If you have any question, contact us or find help and information online at www.samsung.com.

CAUTION/WARNING SYMBOLS USED

	Indicates that a danger of death or serious injury exists.
	Indicates that a risk of personal injury or material damage exists.

OTHER SYMBOLS USED

	Represents something you must NOT do.
	Represents something you must NOT disassemble.
	Represents something you must NOT touch.
	Represents something you must follow.
	Indicates that you must disconnect the power plug from the socket.
	Represents a ground is needed to prevent electric shock.
	It is recommended that this symbol be handled by service man.

These warning signs are here to prevent injury to you and others.
Please follow them explicitly.
After reading this section, keep it in a safe place for future reference.

- This refrigerator must be properly installed and located in accordance with the manual before it is used.
- Use this appliance only for its intended purpose as described in this instruction manual.
- We strongly recommend that any servicing be performed by a qualified individual.
- R600a or R134a can be used as a refrigerant. Check the compressor label on the rear of the appliance and the rating label inside the fridge to see which refrigerant is used for the refrigerator.

- In case of R600a refrigerant, this gas is natural gas with high environmental compatibility that is, however, also combustible. When transporting and installing the appliance, care should be taken to ensure that no parts of the refrigerating circuit are damaged.
- Refrigerant squirting out of the pipes could ignite or cause an eye injury. If a leak is detected, avoid any naked flames or potential sources of ignition and air the room in which the appliance is standing for several minutes.

- In order to avoid the creation of a flammable gas-air mixture if a leak in the refrigerating circuit occurs, the size of the room in which the appliance may be sited depends on the amount of refrigerant used.
- Never start up an appliance showing any signs of damage. If in doubt, consult your dealer.
- The room must be 1m^3 in size for every 8g of R600a refrigerant inside the appliance.
- The amount of refrigerant in your particular appliance is shown on the identification plate inside the appliance.
- Please dispose of the packaging material for this product in an environmentally friendly manner.
- Pull the power plug out of the socket before changing the interior light of the refrigerator.
  - Otherwise, there is a risk of electric shock.

Severe warning signs

- Do not install the refrigerator in a damp place or place where it may come in contact with water.
  - Deteriorated insulation of electrical parts may cause an electric shock or fire.
- Do not place this refrigerator in direct sunlight or expose to the heat from stoves, room heaters or other appliance.
- Allow sufficient space to install the refrigerator on a flat surface.
  - If your refrigerator is not level, the internal cooling system may not work correctly.
- Do not plug several appliances into the same power socket. The refrigerator should always be plugged into its own individual electrical which has a voltage rating that matched the rating plate.
  - This provides the best performance and also prevents overloading house wiring circuits, which could cause a fire hazard from overheated wires.
- Never unplug your refrigerator by pulling on the power cord. Always grip plug firmly and pull straight out from the outlet.
  - Damage to the cord may cause a short-circuit, fire and/or electric shock.
- Make sure that the power plug is not squashed or damaged by the back of the refrigerator.
- Do not bend the power cord excessively or place heavy articles on it.
  - This constitutes a fire hazard.
- Have the power cord repaired or replaced immediately by the manufacturer or its service agent if power cord has become frayed or damaged.
- Do not use a cord that shows cracks or abrasion damage along its length or at either end.
- If the power cord is damaged, have it replaced immediately by the manufacturer or its service agent.
- When moving the refrigerator, be careful not to roll over or damage the power cord.
- Do not insert the power plug with wet hands.
- Unplug the refrigerator before cleaning and making repairs.
- Do not use a wet or damp cloth when cleaning the plug.
- Remove any foreign matter or dust from the power plug pins.
  - Otherwise there is a risk of fire.
- If the refrigerator is disconnected from the power supply, you should wait for at least ten minutes before plugging it back.

- If the wall socket is loose, do not insert the power plug.
  - There is a risk of electric shock or fire.
- The appliance must be positioned so that the plug is accessible after installation.
- The refrigerator must be grounded.
  - You must ground the refrigerator to prevent any power leakages or electric shocks caused by current leakage from the refrigerator.
- Never use gas pipes, telephone lines or other potential lightening rods as ground.
  - Improper use of the ground plug can result in electric shock.
- Do not dissemble or repair the refrigerator by yourself.
  - You run risk of causing a fire, malfunction and/or personal injury.
- If you smell pharmaceutical or smoke, pull out power plug immediately and contact your Samsung electronics service center.
- Keep ventilation opening in the appliance enclosure or mounting structure clear of obstruction.
- Do not use mechanical devices or any other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not damage the refrigerant circuit.
- Do not place or use electrical appliance inside the refrigerator/freezer, unless they are of a type recommended by the manufacturer.
- Before changing the interior light, unplug the appliance from the power supply.
- If you experience difficulty when changing the light, contact your service center.
- The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- Do not let children hang on the door. If not, a serious injury may occur.
- Do not touch the inside walls of the freezer or products stored in the freezer with wet hands.
  - This may cause frostbite.
- If the refrigerator is not to be used for a long period of time, pull out the power plug.
  - Deterioration in the power cord insulation may cause fire.
- Do not store articles on the top of the appliance.
  - When you open or close the door, the articles may fall and cause personal injury and/or material damage.

Caution signs

CAUTION

- This product is intended only for the storage of food in a domestic environment.
- Manufacturer's recommended storage times and expiry dates of frozen foods should be adhered to. Refer to relevant instructions
- Bottles should be stored tightly together so that they do not fall out.
- Do not place carbonated or fizzy drinks in the freezer compartment
- Do not overfill the refrigerator with food.
  - When you open the door, an item may fall out and cause personal injury or material damage.
- Do not put bottles or glass containers in the freezer.
  - When the contents freeze, the glass may break and cause personal injury.

- Do not spray inflammable gas near the refrigerator.
  - There is a risk of explosion or fire.
- Do not directly spray water inside or outside the refrigerator.
  -There is a risk of fire or electric shock.
- Do not store volatile or flammable substances in the refrigerator.
  - The storage of benzene, thinner, alcohol, ether, LP gas and other such products may cause explosions.
- If you have a long vacation planned, it is advisable to empty the appliance or use the vacation function.
- Do not re-freeze frozen foods that have thawed completely.
- Do not store pharmaceuticals products, scientific materials or temperature-sensitive products in the refrigerator.
  - Products that require strict temperature controls must not be stored in the refrigerator.
- Do not put a container filled with water on the refrigerator.
  - If spilled, there is a risk of fire or electric shock.

Caution signs for cleaning

- Do not insert your hands into the bottom area under the appliance.
  - Any sharp edges may cause personal injury.
- Never put fingers or other objects into the dispenser hole and ice chute.
  - It may cause personal injury or material damage.
- Do not use a wet or damp cloth when cleaning the plug, remove any foreign material or dust from the power plug pins.
  - Otherwise there is a risk of fire.

Warning signs for disposal

- When disposing of this or other refrigerators, remove the door/door seals, door latch so that small children or animals cannot become trapped inside.
- Leave the shelves in place so that children may not easily climb inside.
- R600a or R134a is used as a refrigerant. Check the compressor label on the rear of the appliance or the rating label inside the fridge to see which refrigerant is used for your refrigerator. When this product contains flammable gas(Refrigerant R600a) contact your local authority in regard to safe disposal of this product.
- Cyclopentane is used as a insulation blowing gas. The gases in insulation material require special disposal procedure. Please contact your local authorities in regard to the environmentally safe disposal of this product. Ensure that none of the pipes on the back of the appliances are damaged prior to disposal. The pipes shall be broke in the open space.

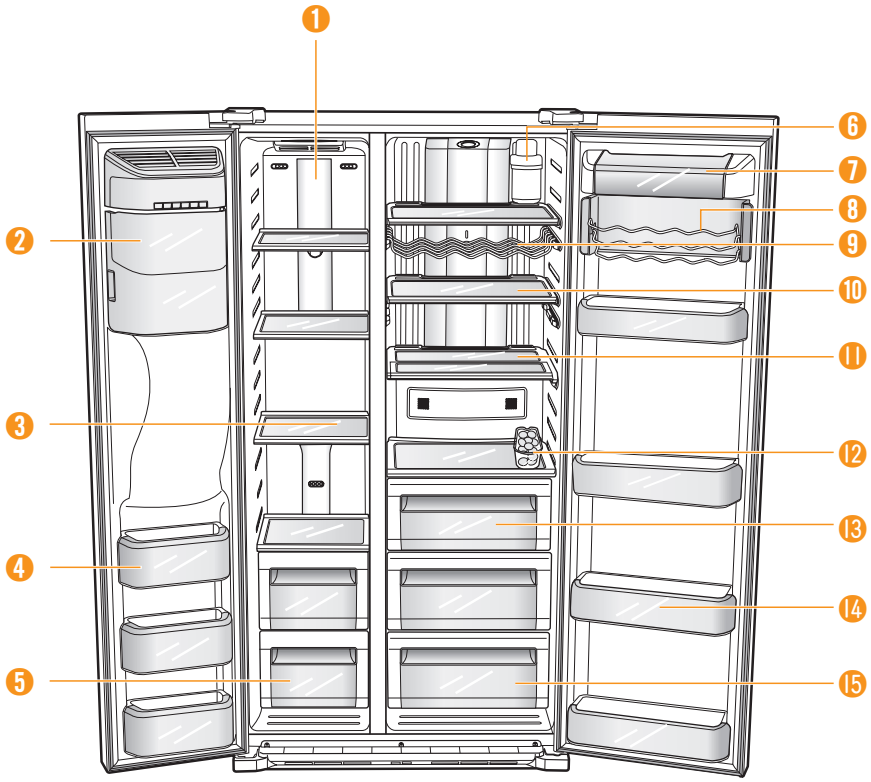
CAUTION

In the event of a power failure, call the local office of your Electricity Company and ask how long it is going to last.
Most power failures that are corrected in an hour or two will not affect your refrigerator temperatures.
However, you should minimize the number of door openings while the power is off.
But should the power failure last more than 24hours, remove all frozen food.
For doors or lids fitted with locks and keys, the keys be kept out of the reach of children and not in the vicinity of the refrigerating appliance, in order to prevent children from being locked inside.

3. Names and basic functions

Name of each component

RSG257AA**



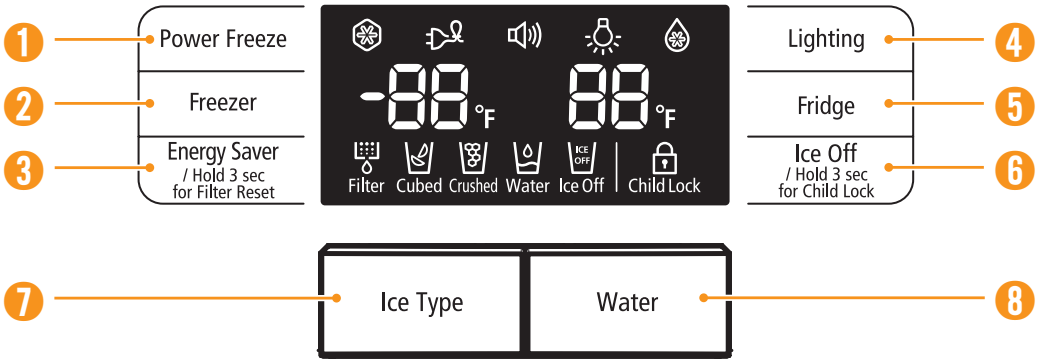
1. Lamp Cover
2. Ice Maker Bucket
3. Shelves
4. Door Bins
5. Drawers
6. Water Filter
7. Dairy Bin
8. Tilt Can Carry
9. Wine Rack (optional)
10. Shelves
11. Foldable Shelf
12. Egg Container
13. Fresh Drawer
14. Door Bins
15. Fruit & Vegetable Drawer

Accessories

Filter Water

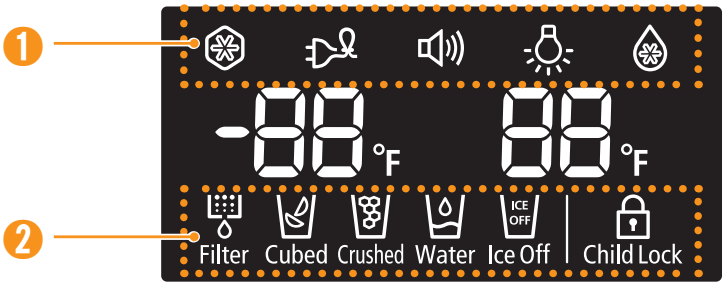
Assy install Filter

Button



1	***POWER FREEZE BUTTON***	Speeds up the time needed to freeze products in the freezer. This can be helpful if you need to quickly freeze items that spoil easily or if the temperature in the freezer has warmed dramatically (For example, if the door was left open).
2	***FREEZER BUTTON***	Press the **FREEZER** button to set the freezer to your desired temperature. You can set the temperature between 8°F and -14°F.
		Recommended temperature is -4°F.
3	***ENERGY SAVER***	For better energy efficiency, press the **ENERGY SAVER** button. If condensation occurs on the doors, turn the Energy Saver Energy Saver Button function off.
		When you change the filter, press and hold this button for 3 seconds to reset the filter schedule.
4	***LIGHTING BUTTON***	Press the **LIGHTING** button for the dispenser LED lamp to stay on.
5	***FRIDGE BUTTON***	Press the **FRIDGE** button to set the fridge to your desired temperature. You can set temperature between 34°F~46°F and Power cool. Power cool will operate when the temperature is set lower than 34°F.
		Recommended temperature is 37~38°F.
6	***ICE OFF BUTTON***	Press the **ICE OFF** button to turn the ice making function off.
		If press and hold this button for 3 seconds, all buttons will be locked. The **ICE TYPE** button and the dispenser pad will not work either. To cancel this function, press and hold this button again.
7	***ICE TYPE BUTTON***	Press the **ICE TYPE** button to choose cubed or crushed ice.
8	***WATER BUTTON***	Press the **WATER** button for water.

Display



1 Power Freeze / Energy Saver / Alarm / Lighting / Power Cool

Power Freeze

- This icon will light up when you activate the “Power freeze” feature. “Power freeze” is great for times when you need a lot of ice. When you have enough, just press the button again to cancel the “Power freeze” mode.

When you use this function the energy consumption of the refrigerator will increase. Remember to turn it off when you don’t need it and return the freezer to your original temperature setting.

Energy Saver

- This icon will light up when you activate the “Energy Saver” function. The Energy Saver function is automatically set to “ON” when power is supplied to the Refrigerator. If condensation occurs on the doors, turn the Energy Saver function off.

Alarm

- This icon will be lit all the time. The door alarm will sound if any door is open for more than 2 minutes. The beeping stops when you close the door. If you need to turn off the Alarm function, press the Lighting and Fridge buttons for 3 seconds at the same time.

Lighting

- This icon will light up when you activate the “Lighting” feature. In this case, the dispenser light (under the display) will be on constantly. If you would like the dispenser light to come on only when using the dispenser, turn the “Lighting” feature off by pressing the “Lighting” button.

Power Cool

- This icon will light up when you activate the “Power Cool” feature by pressing the “Fridge” button repeatedly. For a quick fridge cool down, use “Power Cool”. If you select “Power Cool”, the inside temperature of the Fridge will decrease for about two and a half hours.

2 Filter Indicator / Cubed Ice, Crushed Ice / Water / Ice Off / Child Lock

Filter Indicator

- When the filter indicator light changes to red, it is time to change the filter. Typically this happens about every 6 months.
  The filter Indicator will be Blue when you initially insert the water filter.
  The filter Indicator will be purple when you have used your water filter for 5 months.
  The filter Indicator will be Red when you have used your water filter for 6 months.
  After removing the old water filter and installing a new one (see page 29 for instructions on how to do this), reset the indicator status light by pressing the Ice off button for about 3 seconds.

Cubed Ice , Crushed Ice

- Enjoy cubed or crushed ice by selection your preference form the digital control panel. The ice type light indicates the type of ice that is currently chosen.

Water

- This icon will light up when you activate the “Water” feature.

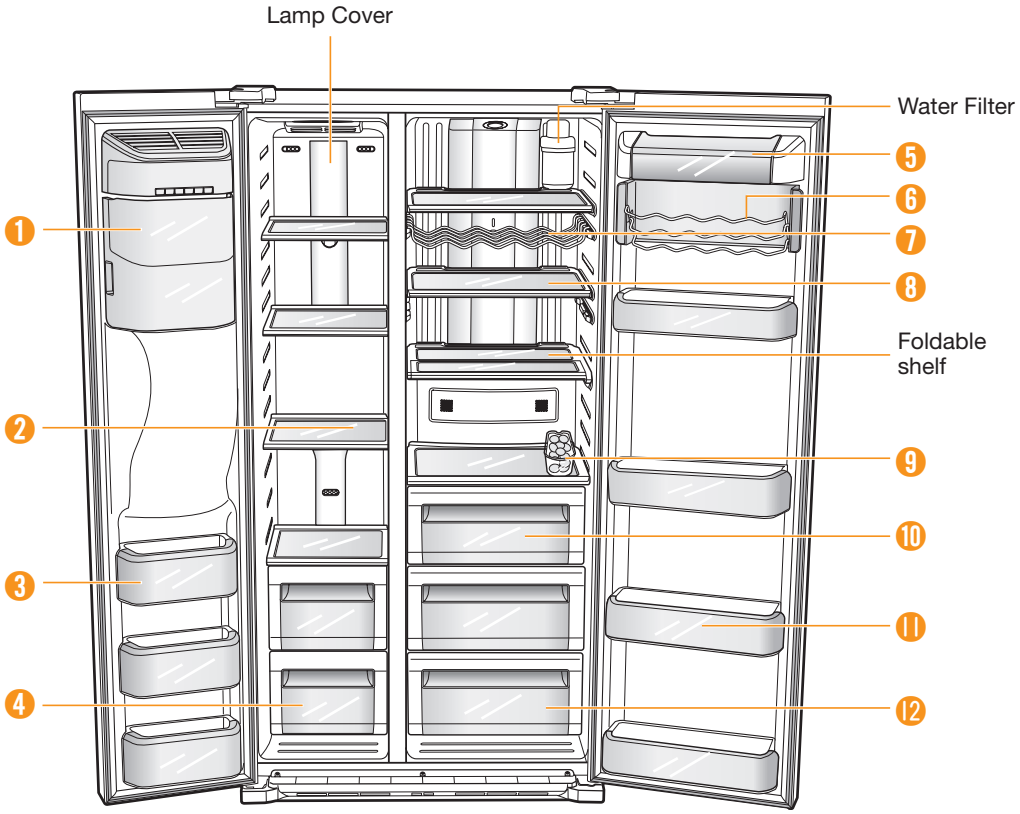
Ice Off

- This icon will light up when you activate the “Ice Off” feature. In this case, the ice will not be produced. When Ice Off blinks on the display panel, reinsert the bucket and/or make sure it’s installed properly.

Child Lock

- This icon will light up when you activate the “Lock” feature. In this case, you won’t be able to use the control panel. If you press and hold the Ice Off/Hold button for 3 seconds, you will be able to use the control panel again.

4. Storage of food



1. Ice Maker Bucket

- Designed to store lots of ice easily.

2. Shelves

- Can be used to store all types of frozen food.

3. Door Bins

- Can be used for small packages of frozen food.

4. Drawers

- Best used to store meats or dry foods. Stored food should be wrapped securely using foil or other suitable wrapping materials or containers.

5. Dairy Bin

- Can be used to store smaller dairy items like butter or margarine, yogurt or cream-cheese bricks.

6. Tilt Can Carry

- Can be used to store beverage can or bottle.

7. Wine Rack (Optional)

- Helps wines maintain their taste by providing an optimized place for storing your wine bottles.

8. Shelves

- Designed to be crack-resistant. They can be used to store all types of food and drinks. Circular marks on the glass surface are a normal phenomenon and can usually be wiped clean with a damp cloth.

9. Egg Container

- Best place to keep eggs.
  Place the EGG TRAY on the shelf for easy access.

10. Fresh Drawer

- Helps to preserve the taste of food and prolongs its freshness. Use to store bread and cake.

11. Door Bins

- Designed to handle large, bulky items such as gallons of milk or other large bottles and containers.

12. Fruits & Vegetable Drawer

- Used to preserve the freshness of your stored vegetables and fruits. It has been specifically designed to control the level of humidity within the drawer.

Bottles should be stored tightly together so that they do not tip and fall out when the refrigerator door is opened.

WARNING

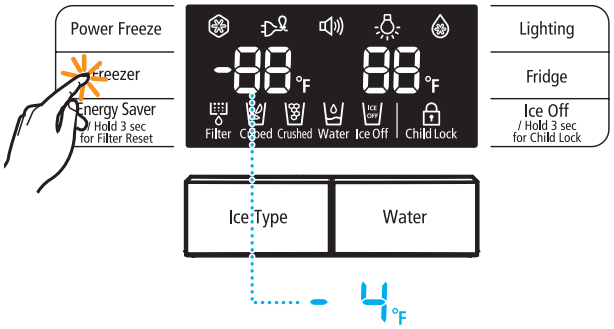
- *If you plan to go away for a significant time, empty the refrigerator and turn it off. Wipe the excess moisture from the inside of the appliance and leave the doors open. This helps keep odor and mold from developing.*
- *If the refrigerator is not to be used for a long period of time, pull out the power plug.*
  - Deterioration in the power cord insulation may cause fire.

5. Controlling the Temperature

Controlling the Temperature of Freezer/Fridge Compartment

❖ Controlling the Temperature of Freezer Compartment

Follow the description below to control the temperature of Freezer Compartment.



Press the “Freezer” button.

☞ The Freezer temperature can be set between 8℉ ~ -14℉ by 2℉.

☞ You can control the temperature by pressing the “Freezer” button repeatedly -4℉ → -6℉ → -8℉ → -10℉ → -12℉ → -14℉ → 8℉ → 6℉ → 4℉ → 2℉ → 0℉ → -2℉ → -4℉.

Display shows the desired temperature for the first 5 seconds and then it shows the current temperature of Freezer compartment.

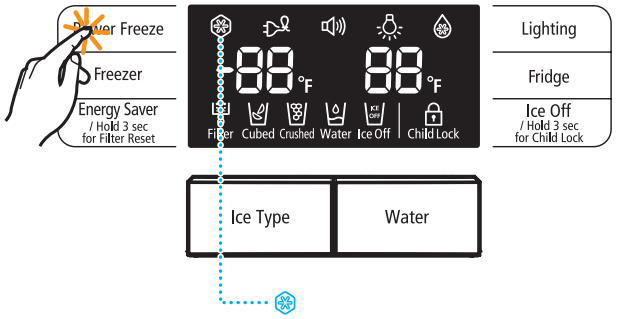
☞ Current indication temperature is to differ with desired temperature, but it set by desired temperature automatically.

Note

- Temperature of Freezer compartment can change according to the frequency of door openning, quantity of food, ambient temperature.
- Temperature of each Freezer compartment is different according to the position.
- Temperature displayed on the Display Panel is the temperature of sensor, it can be differ with real temperature of refrigerator.
- The temperature of the Freezer or the Fridge may rise from opening the doors too frequently, or if a large amount of warm or hot food is placed in either side.This may cause the digital display to blink.
  (Once the Freezer and Fridge return to their normal set temperatures the blinking will stop. If the blinking continues, you may need to “reset” the refrigerator or call to Service Center.)

❖ How to make ice quickly (Controlling the Power Freeze)

Follow the description below to control the Power Freeze.



Press the “Power Freeze” button.

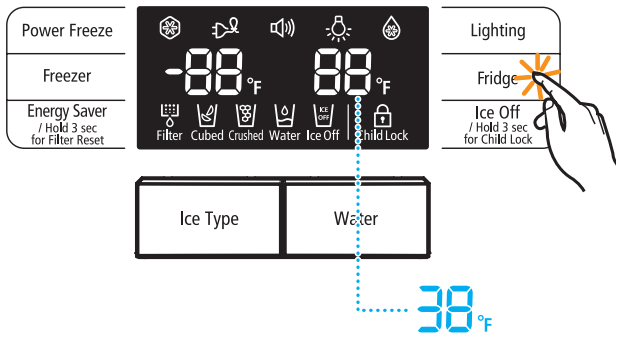
This icon will light up when you activate the “Power Freeze” button. “Power Freeze” is great for times when you need a lot of ice. When you have enough, just press the button again to cancel the “Power Freeze” mode.

Note

- If the Power Freeze button does not work, check the Child Lock feature on the display. If the display is locked, unlock the display by pressing the Ice Off button for 3 seconds and then use this function.
- Power Freeze fucntion will be off in 2 and half hours automatically, the refrigerator operate set temperature last time.
- When you use this function the energy consumption of the refrigerator will increase.
  Remember to turn it off when you don’t need it and return the freezer to your original temperature setting.

❖ *Controlling the Temperature of Fridge Compartment*

Follow the description below to control the temperature of Fridge Compartment.



Press the “Fridge” button.

☞ The Fridge temperature can be set between 34℉ ~ 46℉ by 2 ℉.

☞ You can control the temperature by pressing the “Fridge” button repeatedly 38℉ → 36℉ → 34℉ → Power Cool → 46℉ → 44℉ → 42℉ → 40℉ → 38℉.

Display shows the desired temperature for the first 5 seconds and then it shows the current temperature of Fridge compartment.

☞ Current indication temperature is to differ with desired temperature, but it set by desired temperature automatically.

Note

- Temperature of Fridge compartment can change according to the frequency of door openning, quantity of food, ambient temperature.
- Temperature of each Fridge compartment is different according to the position.
- Temperature displayed on the Display Panel is the temperature of sensor, it can be differ with real temperature of refrigerator.
- The temperature of the Freezer or the Fridge may rise from opening the doors too frequently, or if a large amount of warm or hot food is placed in either side.This may cause the digital display to blink.
  (Once the Freezer and Fridge return to their normal set temperatures the blinking will stop. If the blinking continues, you may need to “reset” the refrigerator or call to Service Center.)

6. Troubleshooting

PROBLEM	SOLUTION
The refrigerator does not work at all or it does not chill sufficiently.	• Check that the power plug is properly connected. • Is the temperature control on the display panel set to the correct temperature? Try setting it to a lower temperature. • Is the refrigerator in direct sunlight or located too near a heat source? • Is the back of the refrigerator too close to the wall and therefore keeping air from circulating?
The food in the fridge is frozen.	• Is the temperature control on the display panel set to the correct temperature? Try setting it to a warmer temperature. • Is the temperature in the room very low? • Did you store the food with a high water content in the coldest part of the fridge? Try moving those items into the body of the fridge instead of keeping them in the CoolSelect Zone™ drawer.
You hear unusual noises or sounds.	• Check that the refrigerator is level and stable. • Is the back of the refrigerator too close to the wall and therefore keeping air from circulating? • Was anything dropped behind or under the refrigerator? • A “ticking” sound is heard from inside the refrigerator. This is normal and occurs because various accessories are contracting or expanding in relation to the temperature of the refrigerator interior.
The front corners of the appliance are hot and condensation is occurring.	• Some heat is normal as anti-condensators are installed in the front corners of the refrigerator to prevent condensation. • Is the refrigerator door ajar? Condensation can occur when you leave the door open for a long time.
Ice is not dispensing.	• Did you wait for 12 hours after installation of the water supply line before making ice? • Is the water line connected and the shut-off valve open? • Did you manually stop the ice making function? Make sure Ice Type is set to Cubed or Crushed. • Is there any ice blocked within the ice maker bucket? • Is the freezer temperature too warm? Try setting the freezer temperature lower.
You can hear water bubbling in the refrigerator.	• This is normal. The bubbling comes from the refrigerant coolant liquid circulating through the refrigerator.
There is a bad smell in the refrigerator.	• Has a food item spoiled? • Make sure that strong smelling food (for example, fish) is wrapped so that it is airtight. • Clean out your freezer periodically and throw away any spoiled or suspect food.
Frost forms on the walls of the freezer.	• Is the air vent blocked? Remove any obstructions so air can circulate freely. • Allow sufficient space between the foods stored for efficient air circulation. • Is the freezer door closed properly?
Water dispenser is not functioning.	• Is the water line connected and the shut-off valve open? • Has the water supply line tubing been crushed or kinked? Make sure the tubing is free and clear of any obstruction. • Is the water tank frozen because the refrigerator temperature is too low? Try selecting a warmer setting on the main display panel.